BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- ***Estimate for the Re-construction of SWD drains in Byatarayanapura Village in Ward no. 07.***

ESTIMATED COST =

No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
1	KSRRB M200-15.1: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters complete as per specifications. Iii) dismantling stone masonry, a rubble stone masonry in lime mortar, Rubble stone masonry in cement mortar.) Page No. 148/ item No. 18.27 / PWD SR 2013-14						cum		
	Byatarayanapura SWD		2	150.00	0.45	1.00	135.00		
	Near CA Compound.			147			135.00	200.88	27119.00
	Basic Rate Rs.	186.00					132.30		26576.0
	Add 8% A.W Rs.	14.88							
	Total Rate Rs.	200.88							
2	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2013-14						Cum		21079.0
			1	150.00	2.10	0.45	141.75	151.74	21509.00
	Basic Rate	140.50		147			138.92		
	Area Weightage @ 8%	11.24							
	Total	**151.74**							
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.2) SR-2013-14						Cum		2023239.0
			1	150.00	2.10	0.15	47.25	4497.12	212489.00
	Basic Rate	4164.00		147.0			46.31		
	Area Weightage @ 8%	333.12							
	Total	**4497.12**							
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 25, I.No. 5.6) SR-2013-14						Cum		
	used qty 47.25x30=13.58 cum		2	150.00	0.60	0.90	162.00		
	125x13.58=1697 nos			147.0					
	SSM supply rate 10per no 16975						162.00	3549.96	558119.00
	558119				deducte		158.76		5655493.65
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	**3549.96**							
5	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-320Kg/cum) (P. 19, I.No. 4.49.1) SR-2013-14						Cum		
				147					
			2	150.00	0.45	0.10	13.50	13.23	
			1	150.00	0.90	0.075	10.13	9.92	
				147					

							23.63	6468.12	152809.00
	Basic Rate	5989.00					23.15		149753.0
	Area Weightage @ 8%	479.12							
	Total	**6468.12**							
6	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122.I.No. 15.3) SR-2013-14						**Sqm**		
			2	150.00 147.0		0.60	180.00 180.00	79.92	14386.00 14098.0
	Basic Rate	74.00					176.40		
	Area Weightage @ 8%	5.92							
	Total	**79.92**							
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 5.00 Km (Page No.141)						**Cum**		
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00						limited to HSR		
	Average weight of earth 1.28		**Qty vide Item No.11**			--	141.75	72.71	10306.00
	Basic Tate Lead Charges upto 2.00 Kms	62.20							3306.00.
	2x1.28x2 =	5.12							
	Loading and unloading	67.32							
	Average Weight of earth 1.28 tone/kg for 6x1.20x2.00=12.00	5.39							10000
	1.1. T&P Charges	**72.71**					3357.5	[illegible]	3263.00
8	Miscelleneous & Rounding off					**Toatl Rs.**			1000000.00
	(Rupees:- Ten Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected me and the work is found to be necessary.
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2013-14
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Junior Engineer
Ward No. 07

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

Technical Sanction for Rs. 10.00 lakhs
Ten lakhs only
Under P.1771
registered as EE No:...../.....Subject to conditions contained enclosed memo.
No: EE/BTP/120/13-14 Dt. 30/10/13

AEE/JE

EE (BTP. Div.)
30/10/2013

ADMINISTRATIVELY SANCTIONED Rs.
Rupees 10.00 lakhs
Ten lakhs only
Under P.1771
Registered as EE ( ) No 3 ...9...
Subject to conditions contained in
enclosed memo No JC(YLK)234/13-14
Dt 30/10/13. Estimate /
No
dated

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92
30/10/13